

salary advances to meet them. The Cerro Tololo Inter-American Observatory administration had been granting these loans, but was not clear about Foundation approval of this procedure. He therefore proposed that a revolving fund of \$3,000 be established from the Corporate Account, for the purpose of making emergency loans to employees. The loans would be made and recovered in escudos. The amount of the loan would be limited to recoverable funds from salary and termination benefits due the employee, or from Blue Cross/Blue Shield or other recoverable insurance. Mr. Miller added that making salary advances was standard practice in Chile. The Executive Committee then approved Dr. Blanco's proposal.

ACTION: Upon motion of Mr. Lorenz, seconded by Mr. Lee, the Executive Committee unanimously approved the establishment of a revolving fund of \$3,000 from the Corporate Account for the purpose of making emergency loans to Cerro Tololo Inter-American Observatory employees, subject to the limitations set forth above.

FELLOWSHIP PROPOSAL

November 20, 1969
AURA Executive Comm. C.

8. Dr. Blanco said the fellowship program had originally been suggested to AURA by the Deputy Chief of Mission of the United States Embassy in Santiago. He proposed that AURA enter into a cooperative fellowship program with the University of Chile, under which, for the first two years of graduate study, the University would pay the student a salary and travel expenses, and AURA would pay tuition fee and incidentals in the U. S. up to \$300 per year. An astronomy student at the University of Chile, Sr. Tapia, had been accepted at the University of Arizona for the Spring semester beginning January 24, 1970, and he hoped that this student could be assisted in this way. Operating funds could be used for the current year, he said. After the first two years of study, if the student was able to complete his Ph. D. requirements, Dr. Blanco proposed that AURA consider providing full support for this period. This program would be limited to one graduate student at a time. He also proposed that AURA provide travel and living expenses for professional Chilean astronomers, to give them an opportunity to visit U.S. universities or observatories when they were invited, for periods of one to three months. Cost would be \$500 per month for living expenses, and \$700 for the trip, and this program also would be limited to one professional astronomer at a time.

Dr. Wallerstein said after the first two years, the graduate student might be able to obtain a teaching fellowship and AURA might not have to pay his full costs. In response to an inquiry, Dr. Blanco said the program should be limited to Chilean citizens. A motion was made and seconded to approve Dr. Blanco's proposals.

The Committee discussed further the source of funds. Dr. Blanco said the Cerro Tololo Inter-American Observatory five-year plan included the cost of this program, beginning in FY 1972. Mr. Miller felt the Foundation would view the proposal sympathetically. The Committee generally felt the program should be supported from contract funds, not Corporate funds, and an amended motion to this effect was approved.

ACTION: Upon motion of Dr. Slettebak, seconded by Dr. Mohler, the Executive Committee unanimously authorized funding of the fellowship for Sr. Tapia at the University of Arizona for the semester beginning January, 1970, from the existing Cerro Tololo Inter-American Observatory budget, and authorized the Officers to negotiate with the National Science Foundation regarding contract funding of the program of student and professional fellowships, as proposed by Dr. Blanco.

REVISED LA SERENA MASTER PLAN

9. Dr. Blanco displayed a revised Master Plan for the La Serena property, prepared by Chilean architect Bertin. The major change was in the relocation of future houses down the hill, closer to present utilities, to reduce development costs. The Executive Committee approved this plan.

ACTION: Upon motion of Mr. Lorenz, seconded by Mr. Lee, the Executive Committee unanimously approved the revised La Serena Master Plan, as presented by Dr. Blanco.

SCHEMATIC DRAWINGS, LA SERENA OFFICE ADDITION

10. Dr. Blanco displayed elevations and a floor plan for the La Serena Office Addition, prepared by Chilean architect Energici. Funds were available in the current year's budget for this addition of 40 feet by 60 feet, which contained six offices, a darkroom, conference room, and two rooms for analytical instruments. Architectural style of the present building would not be altered. Total cost of the addition was \$86,000. The Executive Committee approved the plans and authorized the Observatory to proceed.

ACTION: Upon motion of Mr. Lee, seconded by Dr. Mohler, the Executive Committee unanimously approved the plans for the La Serena Office Addition, and authorized proceeding with working drawings and construction, within budget.

K0956 May 12, 1975

ATTN: V. M. BLANCO
FROM: G. L. LEE, JR.
REF: YOUR TWX NUMBER 5928 DATED MAY 8, 1975

THE SUBJECT OF A PROPOSAL FOR CTIO TO PROVIDE TRAVEL FUNDS FOR STAFF FROM THE UNIVERSITY OF CHILE WAS DISCUSSED AND ACTED UPON AT THE JUNE 18, 1973, MEETING. THIS APPEARS AS ITEM 9 ON PAGE 6 OF THE MINUTES OF THE REGULAR SESSION OF THAT MEETING. THE FOLLOWING IS AN EXTRACT OF THIS SECTION OF THE MINUTES:

9. PROPOSAL FOR CTIO TO PROVIDE TRAVEL FUNDS

FOR STAFF OF THE UNIVERSITY OF CHILE

Item D.

MR. ALBERS READ TO THE BOARD A COMMUNICATION FROM DR. BLANCO TO MR. LEE, READING IN PART:

"... (IT IS REQUESTED THAT) IN A GIVEN FISCAL YEAR, IN ADDITION TO THE VISITS TO U.S. UNIVERSITIES OR OBSERVATORIES, CTIO MAY SUPPORT UP TO THREE UNIVERSITY OF CHILE PROFESSIONAL ASTRONOMERS IN TRAVELLING TO SCIENTIFIC MEETINGS OUTSIDE OF CHILE, PROVIDED THEY WILL MAKE SIGNIFICANT CONTRIBUTIONS TO THE MEETINGS. THE SUPPORT WILL CONSIST OF COACH CLASS, ROUND-TRIP AIR FARE BY THE MOST ECONOMICAL ROUTE, AND A REASONABLE PER DIEM ALLOWANCE, NOT TO EXCEED \$40 PER DAY. THE TOTAL AMOUNT OF EXPENSE FOR SUPPORT OF CHILEAN PROFESSIONAL ASTRONOMERS WHILE VISITING THE U.S. OR ATTENDING SCIENTIFIC MEETINGS SHALL BE LIMITED TO \$5,000 (IN EACH FISCAL YEAR).

DR. BLANCO REQUESTED THIS ADDENDUM TO THE POLICY APPROVED BY THE BOARD ON NOVEMBER 20, 1969, WHICH REFERRED TO PROFESSIONAL ASTRONOMERS IN CHILE VISITING U.S. UNIVERSITIES OR OBSERVATORIES FOR PERIODS OF ONE TO THREE MONTHS. THE REASON FOR THE REQUEST, MR. ALBERS STATED, IS THAT PRESENTLY IT IS ALMOST IMPOSSIBLE FOR ASTRONOMERS AT THE UNIVERSITY OF CHILE TO RECEIVE ANY FINANCIAL SUPPORT FOR TRAVEL.

ACTION:

IT WAS MOVED BY MR. SLETTEBAK, SECONDED BY MR. MOHLER, THAT THE RESOLUTION AS REVISED TO INCLUDE THE WORDS "IN EACH FISCAL YEAR" AT THE END OF THE STATEMENT BE ADOPTED. MOTION CARRIED.

THERE WAS A DISCUSSION REGARDING THE \$40 PER-DIEM ALLOWANCE, AND MR. ALBERS STATED IT WAS DR. BLANCO'S THOUGHT TO REIMBURSE PERSONS UP TO A MAXIMUM OF \$40 PER DAY IF THEY SUBMIT ACTUAL EXPENSES.

ACTION:

IT WAS MOVED BY MR. SMITH, SECONDED BY MR. WILKINSON, THAT THE REVISED RESOLUTION BE AMENDED TO AUTHORIZE REIMBURSEMENT FOR ACTUAL EXPENSES UP TO \$40 PER DAY. MOTION CARRIED.

(A DISCUSSION WAS HELD REGARDING THE TUITION PAYMENT FOR CHILEAN STUDENTS UNDER BOARD POLICY, AND IT WAS AGREED THAT THE MATTER WOULD BE DISCUSSED AT A LATER MEETING.

Board Regular (9 Mar. 77)
Punto 4. - ("Approval of minutes of special meetings" - 6 December 3, 1976)

Executive Committee
Regular Session - 12/3/76
ATTACHMENT 8

Section R-12
June 38 "Scientific Staff"
"Board of Directors"
March 9, 1977

AURA EXECUTIVE COMMITTEE
Item 9 - Regular Session
December 3, 1976

Subject: Proposal for Establishment of AURA Professional Fellowships - CTIO

E

AURA Professional Fellowships for
University of Chile Astronomers

In order to promote growth of astronomy in Chile and good relations between AURA and University of Chile scientists, CTIO implemented in 1969 a program of graduate fellowships for Chilean students. In addition, provisions were made to support Chilean astronomers traveling abroad to attend professional meetings or to visit astronomical research centers in the U.S. Similar programs were adopted by ESO and CARSO. These programs have facilitated advanced studies by six young Chileans, four of whom have completed Ph.D. degrees and two who are about to complete them.

Unfortunately, none of those who have completed doctoral studies has returned to Chile. The main reason for this loss of talent has been the depressed salaries at the universities. The economic situation has also adversely affected the scientific productivity of the older Chilean professional astronomers.

In order to help remedy this situation, it is proposed that the AURA Fellowship Program implemented in 1969 be discontinued while the present economic conditions prevail in Chile. In its place a fellowship program should be implemented aimed at making it possible for the University of Chile to attract its young scientists and for the older scientists to carry out more significant research efforts than are now possible.

The fellowships will be granted to scientists who propose to undertake meritorious research projects. The term of a fellowship will be six months to two years, depending on the nature of the research to be carried out. In exceptional circumstances a fellowship may be extended. A monthly stipend of U.S. \$250 converted to Chilean currency will be paid. Funds not to exceed \$750 may also be awarded to cover publication costs in refereed journals and, in addition, up to \$1,250 may be granted to cover costs of a trip to the United States to present research results. The holders of

AURA Executive Committee
Proposal for Establishment of AURA
Professional Fellowships - CTIO

these fellowships, which will number up to three at a given time, will be expected to carry out part of their studies at CTIO, and to interact with CTIO's resident staff.

VICTOR M. BLANCO

Note: in the AURA Board of Directors Regular Session, March 9, 1977 this motion was moved by Dr. Pierpont, seconded by Mr. Lorenz, and carried.